SAF-RC-030
Remaining Sites Confirmation Sampling - Other Solid
FINAL DATA PACKAGE

COMPLETE COPY OF DATA PACKAGE TO:

Kathy Wendt H4-21 KW 3/10/08
NITIAL/DATE

COMMENTS:

SDG 08I-0293-01 **SAF-RC-030**

Rad only X Chem only Rad & Chem

X Complete Partial

Waste Site: 100-F-44:8

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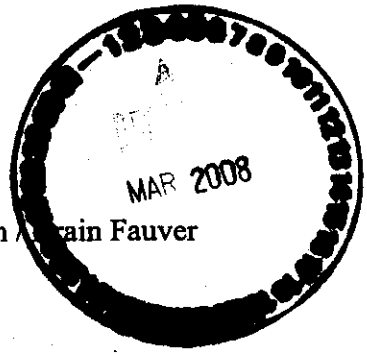
Cover



Report Identification Number: 08I-0293-01
Subcontract Number: 000X-B0-G0058-B-MOD# 14
Name of Industrial Hygienist: Gwen Whatley / Ilene Strong / Garrett Knutson / [illegible]ain Fauver
Laboratory Identification Number: DCHM
SAF#: RC-103 / C00F44A000
Payroll#:

Sample Information

Sample Date	Customer Sample Number	Laboratory Sample Number	Method	Analytical Batch Identification	Sample Matrix
21 Feb 2008	J169C3	08I01845	NIOSH 9002	G081V009	BULK

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Name: Peter P. Steen
Title: Chemist
Date: March 03, 2008

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Case Narrative

Report Identification Number: 08I-0293-01
Subcontract Number: 000X-B0-G0058-B-MOD# 14
Name of Industrial Hygienist: Gwen Whatley / Ilene Strong / Garrett Knutson / Brain Fauver
Laboratory Identification Number: DCHM
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General Set Information: There was one sample in set 08I-0291-01 and one sample in set 08I-0293-01 which was analyzed for asbestos in bulk material. No problems were encountered with the receipt of these samples.

Method Summary: All samples were examined for homogeneity. Non-homogeneous samples were ground to ensure homogeneity. Distinct layers were analyzed separately. The samples were prepared and examined for asbestos fibers utilizing the procedures outlined in NIOSH method 9002 (4th edition). A polarizing light microscope equipped with a 10x and a 16x eyepiece was used for the analysis. The area percentage of asbestos was estimated microscopically by a visual estimation of the fibers with a length-to-width aspect ratio of 3:1 or greater. If present, asbestos identities were confirmed with the appropriate refractive index oils applying dispersion staining techniques.

Sample Preparation: All samples were prepared in accordance with NIOSH method 9002 (4th edition).

Initial and Continuing Calibration Verification Analysis: N/A

Initial and Continuing Calibration Blank Analysis: N/A

Method Blank Analysis: N/A

Dilution(s): N/A.

Laboratory Control Sample and Duplicate Analysis: One Laboratory Control Sample (LCS) was prepared and analyzed with the sample batch. The results were within the control limit of +/- one reporting range.

Replicate Analysis: One sample was replicated with this analysis run.

Flagging Codes: None

Nonconformance/Corrective Action Report (NC/CAR): N/A

Case Narrative

Sample Calculation: Sample results are reported by a visual estimation of the area percentage of asbestos. If necessary, a gravimetric ashing procedure may be used to remove certain non-asbestos material from the sample; a percentage calculation is used to correct for the removal of the non-asbestos material.

Miscellaneous Comments:

08I01841: Gray, fibrous/corrugated wrap insulation.
08I01845: Tan, fibrous/chunky insulation material.

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Salt Lake City, Utah 84123-2547

Phone: (801) 266-7700
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Results

Report Identification Number: 08I-0293-01
Subcontract Number: 000X-B0-G0058-B-MOD# 14
Name of Industrial Hygienist: Gwen Whatley / Ilene Strong / Garrett Knutson / Brain Fauver
Laboratory Identification Number: DCHM
SAF#: RC-103 / C00F44A000
Payroll#:

Customer Sample Number	Laboratory Sample Number	Date Analyzed	Chrysotile % Asbestos		Amosite % Asbestos		Crocidolite % Asbestos	
J169C3	08I01845	29 Feb 2008	ND	U	ND	U	ND	U
		Limit of Detection (LOD)	1		1		1	
		Required Detection Limit (RDL)						

Customer Sample Number	Laboratory Sample Number	Date Analyzed	Actinolite/Tremolite % Asbestos		Anthophyllite % Asbestos	
J169C3	08I01845	29 Feb 2008	ND	U	ND	U
		Limit of Detection (LOD)	1		1	
		Required Detection Limit (RDL)				

U - Parameter not detected above LOD.
J - Parameter between LOD and RDL.

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QC Summary

Report Identification Number: 08I-0293-01
Subcontract Number: 000X-B0-G0058-B-MOD# 14
Name of Industrial Hygienist: Gwen Whatley / Ilene Strong / Garrett Knutson / Brain Fauver
Laboratory Identification Number: DCHM
SAF: RC-103 / C00F44A000
Payroll#:

Batch ID: G081V009

QC Sample ID	QC Type	Analyte	Units	Result	Parent Result	Target	Percent Rec.	Relative Percent Diff.
QC 1001090	BULK	AMOSITE	%	3-<5		7		

MB - Method Blank
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MSD - Matrix Spike Duplicate
LD - Laboratory Duplicate

NA - Not Applicable
ND - Parameter not detected above LOD

LCS, LCSD Percent Rec. = (Result / Target) * 100.0
MS, MSD Percent Rec. = ((Result – Parent) / Target) * 100.0

LCS, LCSD Relative Percent Diff. = ((|LCS – LCSD|) / ((LCS + LCSD)/2.0)) * 100.
MS, MSD Relative Percent Diff. = ((|MS – MSD|) / ((MS+ MSD)/2.0)) * 100.
LD Relative Percent Diff. = ((|Parent – LD|) / ((Parent + LD)/2.0)) * 100

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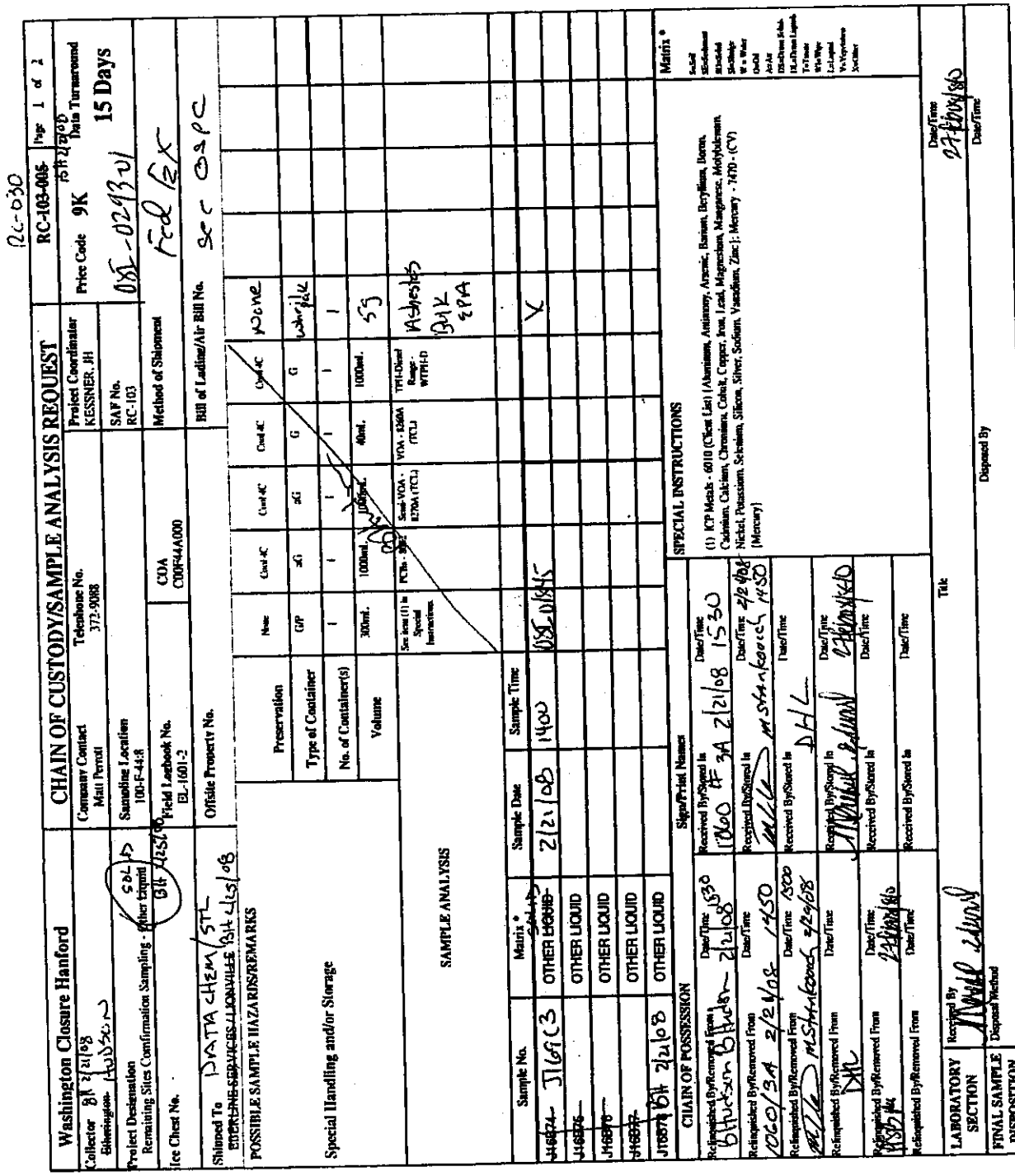
COC



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